## Kindergarten

These guidelines have been designed to assist teachers to focus on what a typical child should know and be able to do at various times in kindergarten. The kindergarten mathematics program presents concepts that are introduced, developed or mastered. All concepts in the curriculum are to be taught requiring the students to explain their answers through writing or showing pictures. Problem solving, communication and reasoning are expected to be incorporated throughout the curriculum.

### First Trimester
### EM-Units 1, 2, 3

Numbers and Operations
• Count numbers 0-20 M *(N&O) K-1*
• Identify numbers 0-20 using models *M (N&O) K-1*
• Compare whole numbers 0-20 *M (N&O) K-2*

Geometry and Measurement
• Sort and classify by color, shape and size *M (G&M) K-1*
• Identify, recognize and name shapes *M (G&M) K-1*
• Sort and classify polygons (triangles, squares, rectangles, hexagons, trapezoids, rhombuses) and circles by properties and attributes *M (G&M) K-1*
• Describe the location of objects in the environment by using location and positional words *M (G&M) K-9*
• Measure visually and with direct comparison (length, height, weight, temperature and capacity) *M (G&M) K-7*
• Use comparative language to describe length, height, weight, temperature and capacity of objects M (G&M) K-7

Functions and Algebra
• Identify and extend simple patterns (AB) *M (F&A) K-1*

Data, Statistics and Probability
• Data collection (models, tally charts) M *(DSP) K-1*

GLEs in italics

**Kindergarten**
**Second Trimester**
**EM-Units 4, 5, 6**

Numbers and Operations
• Write numbers 1 to 10 M *(N&O) K-1*
• Identify names and values of coins (penny, nickel and dime) *M (N&O) K-5*
• Estimation 0-20 *M (N&O) K-7*
• Skip counting by 10's

Geometry and Measurement
• Calendar patterns (days of week; yesterday, today, tomorrow; sequence of events in day) *M (G&M) K-8*
• Identify clock and calendar as measurement tools *M(G&M) K-8*

Functions and Algebra
• Identify and extend simple patterns (ABC) M (F&A) K-1

Data, Statistics and Probability
• Data interpretation (understand what is being graphed) M (DSP) K-1

GLEs in italics

**Kindergarten**
**Third Trimester**
**EM-Units 7 & 8**

Numbers and Operations
• Write numbers 11-20 *M (N&O )K-1*
• Compose and decompose numbers *M (N&O) K-1*
• Inequality (one more, one less) *M (N&O) K-2*
• Add and subtract 0-12 M *(N&O) K-3*
• Mentally add or subtract one by naming the number that is one more or one less *M (N&O) K-6*
• Skip counting by 5's
• Fraction (1/2) *M (N&O) K-1*

Geometry and Measurement

Functions and Algebra

Data, Statistics and Probability
• Analyze patterns trends and distributions (models and tally charts) using more, less or equal *M (DSP) K-2*

GLEs in italics